

Converting Colors

`RYB(184, 86, 123)`

Have a look what the booklet for
RYB(184, 86, 123) contains.

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Color

`RYB(184, 86, 123)`

Conversions

Conversions Part 1

Format	Color
Hex	B8567B
RGB	184, 86, 123
RGB Percent	72%, 34%, 48%
CMY	0.2784, 0.6627, 0.5176
CMYK	0.00, 0.53, 0.33, 0.28
HSL	337°, 41%, 53%
HSV	337°, 53%, 72%
XYZ	26.6701, 18.2760, 20.8608
YIQ	119.5200, 46.5310, 32.2830

Conversions

Conversions Part 2

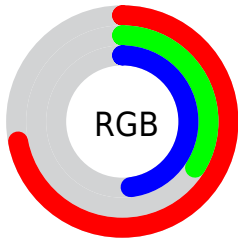
Format	Color
R_{YB}	184, 86, 123
Decimal	12080763
CIE _{Lab}	49.83, 43.59, -1.80
CIE _{LCh}	50, 43.631, 357.637
Yxy	18.2760, 0.4053, 0.2777
Android (android.graphics.Color)	4290270843 (0xFFB8567B)
YUV	119.5200, 1.7156, 56.5490
Hunter-Lab	42.7504, 36.5451, 0.9937

Details

The RYB color **184, 86, 123** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **86, 146, 184**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **242, 139, 175**, and **128, 33, 74** is the 20% darker color. If you saturate the color by 10%, you get **184, 68, 112**, and if you desaturate by 10%, it is **184, 104, 134**.

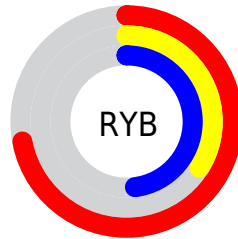
Distribution



Red (72%)

Green (34%)

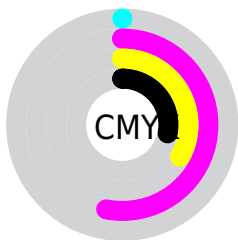
Blue (48%)



Red (72%)

Yellow (34%)

Blue (48%)

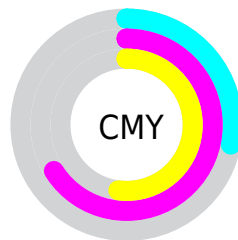


Cyan (0%)

Magenta (53%)

Yellow (33%)

Black (28%)



Cyan (28%)

Magenta (66%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 86, 123 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 184, 86, 123 by changing the saturation by 10% instead.

 184, 86, 123

 184, 86, 123

255, 255, 255

 156, 60, 98

 242, 139, 175

 128, 33, 74

 255, 166, 203

 100, 0, 52

 255, 194, 231

 74, 0, 31

 255, 223, 255

 52, 0, 6

 255, 252, 255

 0, 0, 0


 184, 86, 123

 184, 86, 123

 184, 68, 112

 184, 104, 134

 184, 49, 100

 184, 123, 146

184, 31, 89

184, 141, 157

184, 12, 77

184, 160, 169

184, 0, 69

184, 178, 180

184, 191, 196

184, 203, 215

184, 214, 233

184, 226, 252

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



161, 95, 159



184, 86, 123



186, 89, 86

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



184, 86, 123



49, 126, 70



0, 76, 180

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



184, 86, 123



86, 146, 184

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0, 72, 152



184, 86, 123



56, 117, 133

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



184, 86, 123



76, 142, 41



0, 75, 137



22, 85, 192

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



184, 86, 123



177, 110, 65



0, 75, 137



0, 75, 172

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



184, 86, 123



240, 201, 216



146, 86, 184



120, 97, 106



247, 247, 247



120, 120, 120

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



184, 86, 123



240, 86, 144



184, 98, 86



92, 83, 86



156, 0, 59



28, 0, 11

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



184, 86, 123



240, 86, 144



86, 132, 184



92, 83, 86



156, 0, 59



28, 0, 11

Previews

White Background



This preview shows how the RYB color 184, 86, 123 looks on a white background.

Color Contrast Check

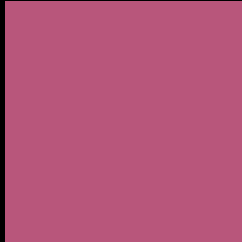
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 184, 86, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

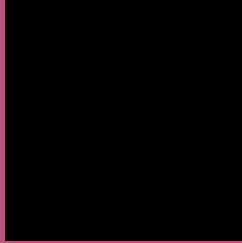
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 184, 86, 123 Background



This preview shows how black text looks on a background with the RYB color 184, 86, 123.



This preview shows how white text looks on a background with the RYB color 184, 86, 123.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

184, 86, 123

Protanopia

114, 118, 143

Deuteranopia

131, 115, 118



Tritanopia
182, 91, 97

Trichromacy



Original Color
184, 86, 123

Protanomaly
139, 106, 136

Deuteranomaly
150, 104, 120

Tritanomaly
183, 89, 106

Monochromacy



Original Color
184, 86, 123

Achromatopsia
120, 120, 120

Achromatomaly
143, 108, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 86, 123 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(184, 86, 123)` looks like.

```
.text, #text, p{  
    color:rgb(184, 86, 123)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(184, 86, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 86, 123) }
```

Border

The CSS property to change the border of an element to RYB 184, 86, 123 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 86, 123) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(184, 86, 123) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(184, 86, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 86, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 86, 123);  
box-shadow:4px 4px 4px 4px rgb(184, 86,  
123) }
```

Background

The CSS property to change the background color of an element to RYB 184, 86, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 86, 123) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(184, 86,  
123) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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